P10/58/95 (01-08)
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pplicant/Patent Owner: Pathlinder, Inc.	
oplication No./Patent No.: 7,236,738 Filed/Issue Date: 06/26/2007	a ellegations
ntitled: Multicast control systems for dynamic, adaptive time, bandwidth, frequency, and satellit	g anocations
, a <u>comporation</u>	
athfinder_Inc. (Type of Assignee, e.g., corporation, page of Assignee)	partnership, university, government agency, etc.)
ates that it is. If the assignee of the entire right, title, and interest; or	
an assignee of less than the entire right, title and interest (The extent (by percentage) of its ownership interest is%)	•
the patent application/patent identified above by virtue of either:	
An assignment from the inventor(s) of the patent application/patent identified about in the United States Patent and Trademark Office at Reel <u>014946</u> , Frame thereof is attached.	
DR B. A chain of title from the inventor(s), of the patent application/patent identified about the inventor (s).	ove, to the current assignee as follows:
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3. From: To: To: The document was recorded in the United States Patent and Trademark Reel, Frame, or for which a co	c Office at py thereof is attached.
Additional documents in the chain of title are listed on a supplemental shee	t
As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of tassignee was, or concurrently is being, submitted for recordation pursuant to 37 CFF	
[NOTE: A separate copy (i.e., a true copy of the original assignment document(s Division in accordance with 37 CFR Part 3, to record the assignment in the 302.08]	i)) must be submitted to Assignment
The undersigned (whose title is supplied below) is authorized to act on behalf of the	
The undersigned (whose title)'s supplied below) is authorized to act on behalf of the	
The undersigned whose title is supplied below) is authorized to act on behalf of the Signature	assignee.
The undersigned (whose title is supplied below) is authorized to act on behalf of the Signature Omar Choucair	assignee. Date
The undersigned whose title is supplied below) is authorized to act on behalf of the Signature	assignee. Date 972-581-2000

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any complete, including gathering, preparing, and submitting the complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. This Address. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.